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United States Patent [19]**Kitahara et al.**[11] **Patent Number:** **5,525,335**[45] **Date of Patent:** **Jun. 11, 1996**[54] **WOUND HEALING AGENT**[75] Inventors: **Yoshiro Kitahara**, Kawasaki; **Tsuyoshi Ohsumi**, Tokyo; **Yuzuru Eto**; **Satoshi Takano**, both of Kawasaki, all of Japan[73] Assignee: **Ajinomoto Co., Inc.**, Tokyo, Japan[21] Appl. No.: **167,806**[22] PCT Filed: **Apr. 19, 1993**[86] PCT No.: **PCT/JP93/00501**§ 371 Date: **Dec. 21, 1993**§ 102(e) Date: **Dec. 21, 1993**[87] PCT Pub. No.: **W093/20837**PCT Pub. Date: **Oct. 28, 1993**[30] **Foreign Application Priority Data**

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[51] **Int. Cl.⁶** **A61K 38/45**[52] **U.S. Cl.** **424/94.5; 435/193**[58] **Field of Search** **424/94.5; 435/193**[56] **References Cited****U.S. PATENT DOCUMENTS**

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Primary Examiner—Michael G. Wityshyn*Assistant Examiner*—Jean C. Witz*Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt[57] **ABSTRACT**

Wound healing agents (especially a cicatricial contracture preventing agent, a wound protective or coating agent and a hemostatic agent) containing transglutaminase as an active ingredient, which are novel and excellent wound healing agents with which cicatricial contracture prevention, wound protection or coating and blood stanching can be made simply and easily.

8 Claims, 1 Drawing Sheet